5 Spetember 1963

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report Covering 19 Through 27 August 1963

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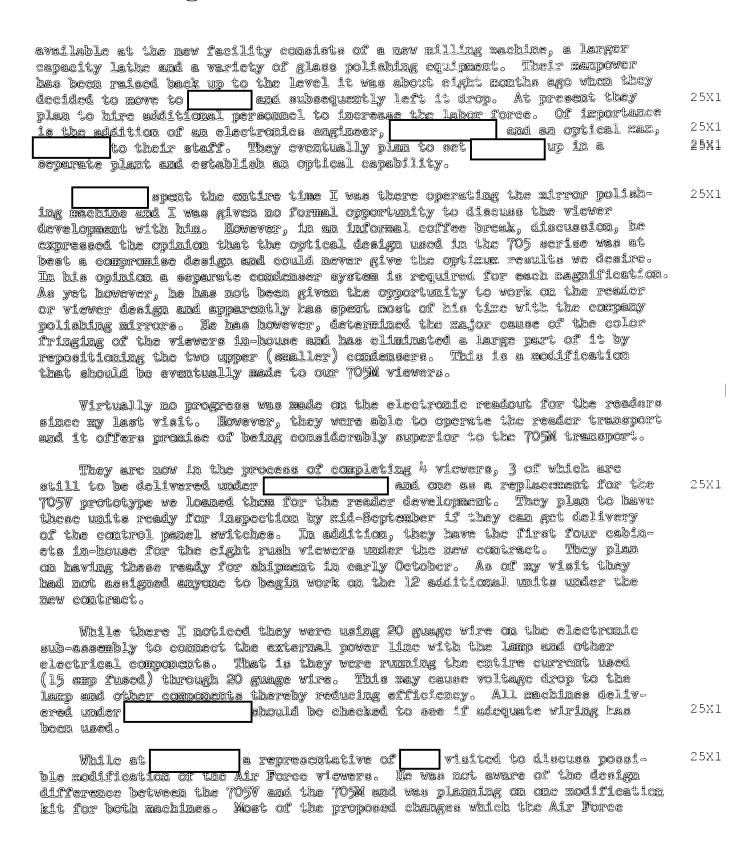
DDR-Dupe

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Of concern to the technicians who installed the Dual Screen Measuring Projector was our ability to keep the instrument in top operating condition. They stated that averaged less than 15 minutes a day working with them during their last visit in August and showed little incentive to learn about the electronics. A copy of their inter-plant communications concerning the DSMP has been placed in the job file.	25X1 25X1
3. On the 21st and the morning of the 22nd of August the WISCON Conference was attended. This was one of the largest trade shows ever staged and the literature obtained will be disseminated through the staff as appropriate. Of interest was the large number of lasers on display.	
4. On the afternoon of the 22nd, and I visited the to review their chip storage capability. This is the same group of people who worked with on the Minicard System and have visited us here several times to discuss their Magnacard System. They now have on the market a lomm by 32nm system that accomplishes most of the functions of Minicard, plus having additional characteristics of its own at a small fraction of the Minicard cost. Of particular interest was the fact that they are reading the chip ECD code with a light modulated bank of photocells instead of the CRI raster technique. The advantage of this system is simplicity and relatively low cost.	25X1 25X1 25X1
5. and I also visited on the 22nd to see the HIA/5 prior to shipment but they were not able to operate it during our brief visit.	25X1
6. On the morning of the 23rd I visited to review the progress for the readout devices for the reader and the Chip Comparator. Work is progressing on schedule and they plan to meet their 14 October delivery schedule. However, they had made no provision for the presups required by the machine as previously described. They will look into this and report to me shortly on how they can best incorporate them in the equipment. As it now stands, each unit will consist of 3 rack drawers. A four foot cable will be provided between the control panel and the rack drawers for the and a 6 foot cable for the	25X1 25X1 25X1 25X1 25X1
7. The was visited on the afternoom of the 23rd. The linear Phasolver is progressing according to schedule and a demonstration of the feasibility breadboard can be arranged anytime after the 16th of September. A complete monthly progress report for the first month's work is on file. In addition, they are looking into the possibility of connecting their telecordex to the Teletype Model 35 in response to a TID requirement for a Flexowriter replacement.	25X1
8. On the 27th and 28th of August, new facility in was visited. The new plant is about twice the size of their old facility and well laid out. Additional equipment	25X1 25X1

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requires however, are more in the field of human engineering rather than performance and may not be of interest to MPIC. The items of direct interest to us however are (1) better lamp cooling (he brought a sample of a bulb fused to the diachroic filter), (2) venting the motor housing to let the heat escape, and (3) improved film handling characteristics of the transport. We plan to get together in Washington to further discuss these changes.

In summary of the overall performance	25X1
level should improve. However, two major problems may continue to exist.	
These are: (1) the need for higher caliber technical personnel with the	
freedom to design equipment to the best of their ability. (2) Convincing	
that when he accepts a contract with a firm delivery	25X1
date that he is obligated to make every attempt to meet it within normal	
contractual practices and not slip small extra jobs in which delay delivery.	
Both of the above degled men arry small axels 1008 IN WOICH CETSY CETIAGRA.	
Both of the above deficiencies have been apparent during my frequent visits.	
I feel that both of these points can be cleared up by more rigid specifics-	
tions written by MPIC and firm contractual delivery commitments, involving	
pcnalty clauses if necessary.	
	0.5**4
	25X1

Development Branch, PADS

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3.